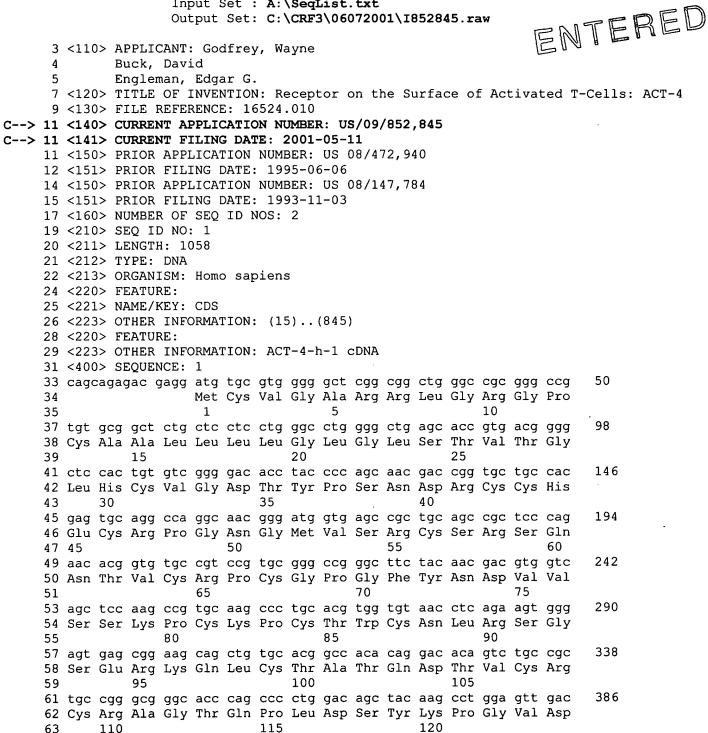
OIPE

RAW SEQUENCE LISTING DATE: 06/07/2001 PATENT APPLICATION: US/09/852,845 TIME: 11:34:55

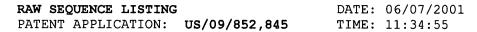
Input Set : A:\SeqList.txt

Output Set: C:\CRF3\06072001\1852845.raw



65 tgt gcc ccc tgc cct cca ggg cac ttc ttc cca ggc gac aac cag gcc

434



Input Set : A:\SeqList.txt

Output Set: C:\CRF3\06072001\1852845.raw

66 Cys Ala Pro Cys Pro Pro Gly His Phe Ser Pro Gly Asp Asn Gln Ala													
67 125 130 135 140													
69 tgc aag ccc tgg acc aac tgc acc ttg gct ggg aag cac acc ctg cag 482													
70 Cys Lys Pro Trp Thr Asn Cys Thr Leu Ala Gly Lys His Thr Leu Gln													
71 145 150 155													
73 ccg gcc agc aat agc tcg gac gca atc tgt gag gac agg gac ccc cca 530 74 Pro Ala Ser Asn Ser Ser Asp Ala Ile Cys Glu Asp Arg Asp Pro Pro													
74 F10 A14 Set ASN Set Set ASP A14 T1e Cys G14 ASP A19 ASP F10 F10 75 160 165 170													
77 gcc acg cag ccc cag gag acc cag ggc ccc cc													
78 Ala Thr Gln Pro Gln Glu Thr Gln Gly Pro Pro Ala Arg Pro Ile Thr													
79 175 180 185													
81 gtc cag ccc act gaa gcc tgg ccc aga acc tca cag gga ccc tcc acc 626													
82 Val Gln Pro Thr Glu Ala Trp Pro Arg Thr Ser Gln Gly Pro Ser Thr													
83 190 195 200													
85 cgg ccc gtg gag gtc ccc ggg ggc cgt gcg gtt gcc gcc atc ctg ggc 674													
86 Arg Pro Val Glu Val Pro Gly Gly Arg Ala Val Ala Ala Ile Leu Gly													
87 205 210 215 220													
89 ctg ggc ctg gtg ctg ggg ctg ccc ctg gcc atc ctg gcc 722													
90 Leu Gly Leu Val Leu Gly Leu Gly Pro Leu Ala Ile Leu Leu Ala													
91 225 230 235													
93 ctg tac ctg ctc cgg agg gac cag agg ctg ccc ccc gat gcc cac aag 770													
94 Leu Tyr Leu Leu Arg Arg Asp Gln Arg Leu Pro Pro Asp Ala His Lys 95 240 245 250													
95 240 245 250 97 ccc cct ggg gga ggc agt ttc cgg acc ccc atc caa gag gag cag gcc 818													
98 Pro Pro Gly Gly Ser Phe Arg Thr Pro Ile Gln Glu Gln Ala													
99 255 260 265													
101 gac gcc cac tcc acc ctg gcc aag atc tgaccttgggc ccaccaaggt 866													
102 Asp Ala His Ser Thr Leu Ala Lys Ile													
103 270 275													
105 ggacgctggg ccccgccagg ctggagcccg gagggtctgc tgggcgagca gggcaggtgc 926													
107 aggccgcctg ccccgccacg ctcctgggcc aactctgcac cgttctaggt gccgatggct 986													
109 gcctccggct ctctgcttac gtatgccatg catacctcct gccccgcggg accacaataa 1046													
111 aaaccttggc ag 1058													
114 <210> SEQ ID NO: 2													
115 <211> LENGTH: 277													
116 <212> TYPE: PRT													
117 <213> ORGANISM: Homo sapiens													
119 <220> FEATURE:													
120 <223> OTHER INFORMATION: deduced amino acid sequence of ACT-4-h-1 122 <400> SEQUENCE: 2													
122 (400) SEQUENCE. 2 124 Met Cys Val Gly Ala Arg Arg Leu Gly Arg Gly Pro Cys Ala Ala Leu													
125 1 5 10 15													
127 Leu Leu Gly Leu Gly Leu Ser Thr Val Thr Gly Leu His Cys Val													
128 20 25 30													
130 Gly Asp Thr Tyr Pro Ser Asn Asp Arg Cys Cys His Glu Cys Arg Pro													
131 35 40 45													
133 Gly Asn Gly Met Val Ser Arg Cys Ser Arg Ser Gln Asn Thr Val Cys													
134 50 55 60													
136 Arg Pro Cys Gly Pro Gly Phe Tyr Asn Asp Val Val Ser Ser Lys Pro													

RAW SEQUENCE LISTING DATE: 06/07/2001 PATENT APPLICATION: US/09/852,845 TIME: 11:34:55

Input Set : A:\SeqList.txt

Output Set: C:\CRF3\06072001\1852845.raw

137	65					70					75					80
139 140	Суѕ	Lys	Pro	Cys	Thr 85	Trp	Cys	Asn	Leu	Arg 90	Ser	Gly	Ser	Glu	Arg 95	Lys
142 143	Gln	Leu	Суѕ	Thr 100	Ala	Thr	Gln	Asp	Thr 105	Val	Cys	Arg	Cys	Arg 110	Ala	Gly
145 146	Thr	Gln	Pro 115	Leu	Asp	Ser	Tyr	Lys 120	Pro	Gly	Val	Asp	Cys 125	Ala	Pro	Cys
148 149		Pro 130	Gly	His	Phe	Ser	Pro 135	Gly	Asp	Asn	Gln	Ala 140	Cys	Lys	Pro	Trp
	Thr 145	Asn	Cys	Thr	Leu	Ala 150	Gly	Lys	His	Thr	Leu 155	Gln	Pro	Ala	Ser	Asn 160
154 155	Ser	Ser	Asp	Ala	Ile 165	Cys	Glu	Asp	Arg	Asp 170	Pro	Pro	Ala	Thr	Gln 175	Pro
	Gln		Thr	Gln 180	Gly	Pro	Pro	Ala	Arg 185	Pro	Ile	Thr	Val	Gln 190	Pro	Thr
160 161	Glu	Ala	Trp 195	Pro	Arg	Thr	Ser	Gln 200	Gly	Pro	Ser	Thr	Arg 205	Pro	Val	Glu
163 164	Val	Pro 210	Gly	Gly	Arg	Ala	Val 215	Ala	Ala	Ile	Leu	Gly 220	Leu	Gly	Leu	Val
	Leu 225	Gly	Leu	Leu	Gly	Pro 230	Leu	Ala	Ile	Leu	Leu 235	Ala	Leu	Tyr	Leu	Leu 240
169 170	Arg	Arg	Asp	Gln	Arg 245	Leu	Pro	Pro	Asp	Ala 250	His	Lys	Pro	Pro	Gly 255	Gly
172 173	Gly	Ser	Phe	Arg 260	Thr	Pro	Ile	Gln	Glu 265	Glu	Gln	Ala	Asp	Ala 270	His	Ser
175 176	Thr	Leu	Ala 275	Lys	Ile											

VERIFICATION SUMMARY

DATE: 06/07/2001 PATENT APPLICATION: US/09/852,845 TIME: 11:34:56

Input Set : A:\SeqList.txt

Output Set: C:\CRF3\06072001\I852845.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date